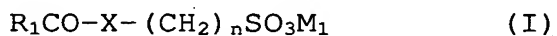


## CLAIMS

1. A hair treatment composition, comprising:

(a) a long-chain acylsulfonate type of anionic surfactant expressed by the following General Formula I:



(wherein  $R_1CO-$  is a saturated or unsaturated fatty acid residue (acyl group) with an average carbon number of 10 to 22; X is  $-O-$  or  $-NR-$  (wherein R is a hydrogen atom or an alkyl group with a carbon number of 1 to 3);  $M_1$  is a hydrogen atom, an alkali metal, an alkaline earth metal, ammonium, or an organic amine; and n is an integer from 1 to 3);

(b) a higher alcohol;

(c) an anionic polymer; and

(d) a reducing agent or an oxidant,

wherein the combined amount of component (a) and component (b) is 0.5 to 10 weight%, and the molar ratio of component (b) to component (a) is 2 to 10.

2. The hair treatment composition according to claim 1, wherein component (c) is contained in an amount of 0.05 to 3 weight% for the composition.

3. The hair treatment composition according to claim 1, wherein component (d) is an reducing agent and its combined amount is 1 to 19 weight% for the composition.

4. The hair treatment composition according to claim 1, wherein component(d) is an oxidant and its combined amount is 0.6 to 12 weight% for the composition.

5. The hair treatment composition according to claim 1, which is used in permanent wave agents, hair straightening agents, and retexturizing agents.

6. The hair treatment composition according to claim 2, which is used in permanent wave agents, hair straightening agents, and retexturizing agents.